ABSTRACT

DYNAMIC EARLY PREPARATION OF PRESENTATION OBJECTS FOR EFFICIENT PRINTING

A command is provided as a means to instruct a printer to pre-rasterize and store presentation objects according to specified presentation parameters. The stored rasterized objects are available to the printer for use during printing when a print job is submitted to the printer which includes a presentation object already rasterized, saving significant processing at print time. The rasterized objects are stored with information identifying the object and the parameters used in the rasterization process and the printer is enabled to identify the appropriate rasterized object for inclusion in the print job. Objects may also be selected by a printer at print time as most closely matching the required parameters and then adjusted as needed at print time to completely conform with the requirements of inclusion in the job. This capability allows the printer to perform trimming-on-the-fly or other real-time operations while enjoying the time-saving benefits of a pre-rasterized object.